

Business Statistics Mr. Nelson

BEFORE STARTING A TEST OF SIGNIFICANCE - Means

Before starting the procedure, assemble the sample data in a single column and calculate the following:

Sample proportion \hat{p} (Excel's "countif" formula may be helpful here).

Select a null hypothesis value (ρ_0), an assumed value of the population proportion to which the sample proportion will be compared).

Select a significance level % (α) (usually between 1% to 10%).

Lastly, I will need the name of the population, and focus proportion (see your proposal).

Select a significance level % (α) will need to be determined (usually between 1% to 10%).

Lastly, you will need the name of the population, and quantitative variable.

EXAMPLE DATA:

$$\hat{p} = 19.4\%$$

$$\rho_0 = 35\%$$

$$\alpha = 5\%$$

$$n = 36$$

Population

Female Granada Hills Charter High School students

Focus Proportion

Students who have downloaded videos illegally

[RETURN](#) to Example Step One